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EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

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PUBLICATION DATE : 24-12-99

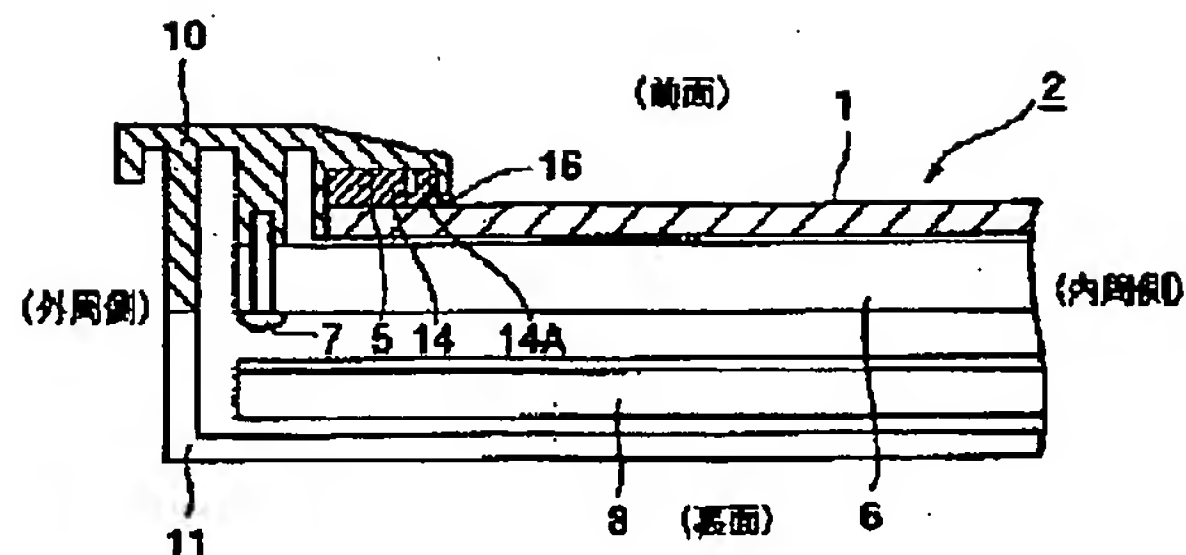
APPLICATION DATE : 10-06-98
APPLICATION NUMBER : 10176553

APPLICANT : KOMATSU LTD;

INVENTOR : FUTATSUKA NOBUYUKI;

INT.CL. : G06F 3/033 H01H 13/06 H01H 13/70

TITLE : SEAL STRUCTURE OF TOUCH TYPE
PANEL



ABSTRACT : PROBLEM TO BE SOLVED: To prevent liquid such as oil from entering an input terminal equipped with the touch type panel.

SOLUTION: This seal structure of the touch type panel 1 which is equipped with the touch type panel 1 sensing a touch on the top surface and a frame 10 where the touch type panel 1 is fixed and adheres the touch type panel 1 to the frame 10 by applying a fluid adhesive 14 to a groove 5 formed on the back side of the frame 10 for sealing to prevent liquid from entering the part between the frame 10 and touch type panel 10 is provided with a buffer groove 16 at a further inner peripheral part of the groove 5 as an excess preventing means for prevention against the excess of the fluid adhesive 14. As the seal structure, a transparent cover is mounted in front of the frame 10 and touch type panel 1 and a seal material surrounding the touch type panel 1 is arranged between the frame 10 and the cover to securely prevent the entry of liquid.

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